

**National Transportation Safety Board
Washington, DC 20594**

Brief of Accident

Adopted 12/06/2002

DEN02LA091		08/13/2002		Watkins, CO		Aircraft Reg No. N64796		Time (Local): 09:30 MDT			
Make/Model:		Boeing / D75N1				Fatal		Serious		Minor/None	
Engine Make/Model:		Pratt & Whitney / R-985-AN				Crew		0		0	
Aircraft Damage:		Substantial				Pass		0		0	
Number of Engines:		1									
Operating Certificate(s):		None									
Type of Flight Operation:		Instructional									
Reg. Flight Conducted Under:		Part 91: General Aviation									
Last Depart. Point:		Englewood, CO				Condition of Light:		Day			
Destination:		Same as Accident/Incident Location				Weather Info Src:		Weather Observation Facility			
Airport Proximity:		On Airport				Basic Weather:		Visual Conditions			
Airport Name:		Front Range				Lowest Ceiling:		None			
Runway Identification:		17				Visibility:		10.00 SM			
Runway Length/Width (Ft):		8000 / 100				Wind Dir/Speed:		210 / 004 Kts			
Runway Surface:		Asphalt				Temperature (°C):		13			
Runway Surface Condition:		Dry				Precip/Obscuration:		None / None			
Pilot-in-Command		Age: 52				Flight Time (Hours)					
Certificate(s)/Rating(s)						Total All Aircraft:		17728			
Airline Transport; Flight Instructor; Commercial; Multi-engine Land; Single-engine Land						Last 90 Days:		72			
Instrument Ratings						Total Make/Model:		150			
Airplane						Total Instrument Time:		1310			

The instructor said they entered the traffic pattern on the downwind leg for runway 17 (8,000 feet x 100 feet, dry asphalt), touched down "slightly tail high and bounced slightly (maybe 6 inches). The student allowed the air[plane] to turn right and bank left during the bounce. As the air[plane] touched down the second time, it swerved hard right and began to ground loop. Full left rudder and brake did not arrest the turn. The air[plane] departed the runway to the right, dragged the left wingtip (lower), turned left, dragged the right lower wing, went up on the nose, and came to rest on the propeller dome and the main gear." Postaccident examination of the airplane revealed substantial damage to the lower left wing spar, right lower wing, and upper right wing tip. The left main gear was also damaged extensively.

Brief of Accident (Continued)

DEN02LA091				
File No. 12521	08/13/2002	Watkins, CO	Aircraft Reg No. N64796	Time (Local): 09:30 MDT

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) RECOVERY FROM BOUNCED LANDING - IMPROPER - DUAL STUDENT
2. (C) GROUND LOOP/SWERVE - INADVERTENT - DUAL STUDENT
3. (F) SUPERVISION - INADEQUATE - PILOT IN COMMAND(CFI)

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident as follows.

the pilot's improper recovery from a bounced landing, resulting in an inadvertent ground loop. A contributing factor was the flight instructor's inadequate supervision of the pilot.